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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	854102	interfer\$	US-PGPUB; USPAT	ADJ	ON	2007/05/16 08:45
L2	519590	tomograph\$8 or OCT	US-PGPUB; USPAT	ADJ	ON	2007/05/16 08:45
L3	6924	speckle	US-PGPUB; USPAT	ADJ	ON	2007/05/16 08:46
L4	560820	delay	US-PGPUB; USPAT	ADJ	ON	2007/05/16 08:47
L5	399	1 and 2 and 3 and 4	US-PGPUB; USPAT	ADJ	ON	2007/05/16 08:48
L6	2	1 same 2 same 3 same 4	US-PGPUB; USPAT	ADJ	ON	2007/05/16 08:49
L7	81	5 and "356"/\$.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:13
L8	13	5 and "250"/\$.ccls. not 7	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:00
L9	18	5 and "385"/\$.ccls. not (7 or 8)	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:01
L10	101	5 and "600"/\$.ccls. not (7 or 8 or 9)	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:03
L11	186	5 not (7 or 8 or 9 or 10)	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:08
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L15	52	14 and "356"/450-521.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:42
L16	54	14 and "356"/\$.ccls. not 15	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:19
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L21	5	14 and "702"/\$.ccls. not (15 or 16 or 17 or 19 or 20)	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:23
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L23	11	22 and "351"/\$.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:24
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L31	609	2 and (1 same (4 with 30))	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:41
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L33	91	32 and "356"/450-521.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:47
L34	30	32 and "356"/\$.ccls. not 33	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:48
L35	13	32 and "250"/\$.ccls. not (33 or 34)	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:49
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L37	0	32 and "351"/\$.ccls. not (33 or 34 or 35 or 36)	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:50
L38	11	32 and "702"/\$.ccls. not (33 or 34 or 35 or 36)	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:51
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L42	411	29 and "356"/\$.ccls. not (31 or 41)	US-PGPUB; USPAT	ADJ	ON	2007/05/16 10:14
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L45	1098	29 and "600"/\$.ccls. not (31 or 41 or 42 or 43 or 44)	US-PGPUB; USPAT	ADJ	ON	2007/05/16 10:18

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L47	438	29 and "702"/\$.cls. not (31 or 41 or 42 or 43 or 44)	US-PGPUB; USPAT	ADJ	ON	2007/05/16 10:19
L48	2027	44 or 45 or 47	US-PGPUB; USPAT	ADJ	ON	2007/05/16 10:20
L49	1769	48 and (coherence or coherent or oct)	US-PGPUB; USPAT	ADJ	ON	2007/05/16 10:21
L50	172	48 and (1 with (coherence or coherent or oct))	US-PGPUB; USPAT	ADJ	ON	2007/05/16 10:23
L51	51	TEARNEY-GUILLERMO or TEARNEY-GUILLERMO-J or IFTIMIA-NICUSOR or BOUMA-BRETT or BOUMA-BRETT-E or BOUMA-BRETT-EUGENE	US-PGPUB; USPAT	ADJ	ON	2007/05/16 10:25

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L3	276391	delay	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/16 10:31
L4	2612	speckle	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/16 10:31
L5	1633571	sample or measur\$6	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/16 10:32
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L7	10	1 and 2 and 4	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/16 10:33
L8	46	1 and 2 and 3	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/16 10:36
L9	3	2 and 3 and 4	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/16 10:37
L10	48	2 and 3 with 5	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/16 10:37



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
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
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
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
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
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
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
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... **speckle** spots generates, on average, an **interference** signal of ... For this reason, the **speckle** produced by wide-angle ... light is relatively easy to suppress in **OCT**. ...

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JM Schmitt - Selected Topics in Quantum Electronics, IEEE Journal of, 1999 - ieeexplore.ieee.org

... Most models of **OCT** wash away **speckle** by averaging the spatial properties of the tissue in the computation of the **interference** signal. ...

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... Measured **interference** patterns were demodulated using an ... Figures (a)(b) show **OCT** cross-sectional ... the multimode fiber for illumination, **speckle** is significantly ...

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... For extreme CR values (over 1.2), **interference** within the sample probe volume is rare, so the **OCT** images do not clearly display **speckle**. However, the ...

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... compounding methods for reduction of **speckle** noise. ... was performed by mixing the **interference** signals from ... of differential absorption with the **OCT** system. ...

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OCT elastography: imaging microscopic deformation and strain of tissue - all 9 versions »

J Schmitt - Optics Express, 1998 - opticsinfobase.org

... in time sequence, Input pair of **interference** signal matrices 3 shows a series of **OCT** images recorded ... are not resolvable, generate a fine **speckle** pattern that ...

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... In **OCT**, the signal-carrying **speckle** originates from the ... **speckle** field consists of small **speckle** spots created by ... paths in the two arms of the **interferometer**. ...

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... important variables in **OCT** because of their influence on the sensitivity of the **interferometer** to the ... Most models of **OCT** wash away **speckle** by averaging ...

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Speckle reduction in optical coherence tomography by "path length encoded" angular compounding - all 2 versions »

N Ifimia, BE Bouma, GJ Tearney - Journal of Biomedical Optics, 2003 - link.aip.org

... **Speckle** averaged ACPE **OCT** images can be obtained ... developments toward more efficient **interferometer** designs and higher power, clinically viable **OCT** sources may ...

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Optical coherence tomography- principles and applications - all 11 versions »

AF Fercher, W Drexler, CK Hitzenberger, T Lasser - Reports on Progress in Physics, 2003 - iop.org

... 2.5.3. Suppression of **speckle** in **OCT** ... coherence light source is used in a standard Michelson **interferometer**. ... are basically two scan procedures in **OCT**: the **OCT** ...

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IY Petrova, AI Kholodnykh, KV Larin, M Motamedi, ... - Engineering in Medicine and Biology, 2002. 24th Annual ... , 2002 - ieeexplore.ieee.org

... Optimization of low coherence **interferometry** for quantitative ... At 0.6 mm (20 Hz) is performed, **OCT** lateral scanning ... characterize the level of **speckle** noise we ...

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... effect of source coherence length on **speckle** reduction. ... similar to that used in a conventional **OCT** setup ... is removed from the source path of the **interferometer**. ...

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Y Zhao, Z Chen, C Saxer, S Xiang, JF de Boer, JS ... - Opt. Lett, 2000 - OSA

... also termed Doppler optical coherence **tomography**, is a ... continuation of the measured **interference** fringes function ... phase-resolved method reduces **speckle** noise in ...

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JF de Boer, CE Saxer, JS Nelson - Appl. Opt, 2001 - OSA

... Optical coherence **tomography** OCT is an attractive technique for ... at the location of the **interference** peak from ... taken advantage of only for **speckle** reduction. ...

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... than maximum sample-reference **delay** time in ... To verify no intermodal **interference** was present ... **Speckle** in optical coherence **tomography**, " **Speckle** in Optical ...

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... In scattering media, optical coherence **tomography** (OCT ... CR values (over 1.2), **interference** within the ... appropriate conditions, static **speckle** statistics could be ...

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DL Marks, TS Ralston, SA Boppart - Journal of the Optical Society of America A, 2005 - bil.nb.uiuc.edu

... coherent ranging such as optical coherence **tomography** 2 (OCT ... image as a result of the **interference** of scattered ... detail that is seen in the **speckled** version of ...

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